

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

jc781 U.S. PTO
10/006547
12/04/01

APPLICANTS: SHIGETOSHI ABE ET AL-2
FOR: MANUFACTURING METHOD FOR A PRINTED WIRING BOARD

INFORMATION DISCLOSURE STATEMENT

BOX PATENT APPLICATION
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

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C. H. H. H.
5-2300

Sir:

Applicants wish to bring to the attention of the Patent Examiner the reference listed on the enclosed Form PTO-1449 and attached thereto. This reference was cited by the Japanese Patent Office. Since the instant Information Disclosure Statement is being filed concurrently with the application, no official fee is required in connection with the same. However, if a fee should be required for this IDS, the Commissioner of Patents and Trademarks is hereby authorized to charge any required fee, or to credit any overpayment to Deposit Account No. 03-2468. It is respectfully requested that the foregoing Information Disclosure Statement (IDS) be incorporated into the official file of the concurrently-filed patent application.

Respectfully submitted,
SHIGETOSHI ABE ET AL

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Enclosures: Form PTO-1449, one (1) reference

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Date of Deposit: December 4, 2001

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Lisa L. Vulpis
Lisa L. Vulpis

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. :

ABE ET AL-2

SERIAL NO.

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT : SHIGETOSHI ABE ET AL

FILING DATE:

GROUP:

jc781 U.S. PTO
10/006547

U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|----|-----------------|------|------|-------|----------|-------------------------------|
| | AA | | | | | | |
| | AB | | | | | | |
| | AC | | | | | | |
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| | AI | | | | | | |
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| | AK | | | | | | |

FOREIGN PATENT DOCUMENTS

| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|--|----|-----------------|---------|------------------|-------|----------|-------------|----|
| | | | | | | | YES | NO |
| | AL | 9-148698 | 06/1997 | Japan (enclosed) | | | | |
| | AM | | | | | | | |
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| | AP | | | | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.